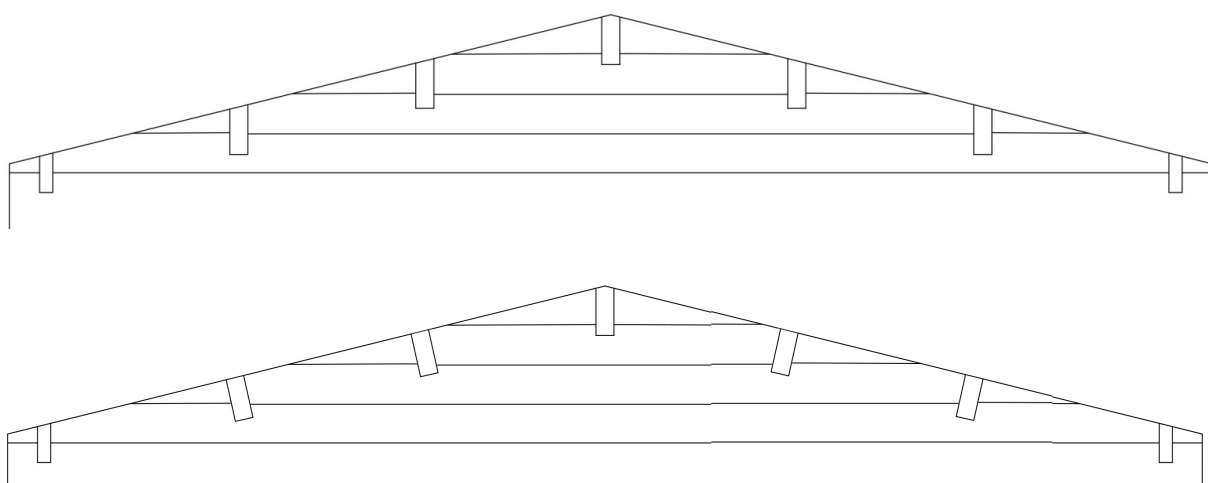


Roof Beam Types

There are two types of roof beams depending on your cabin design:

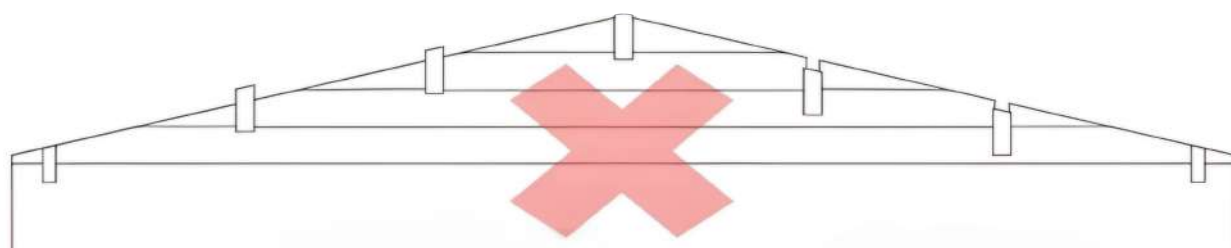
- » Vertical beams - positioned perpendicular to the roof line
- » Angled beams - positioned at an angle following the roof slope



Installation Process

Initial Placement: Place all beams into their designated positions on the roof triangle framework. All beams must align properly with the roof triangle to ensure proper roof board installation later.

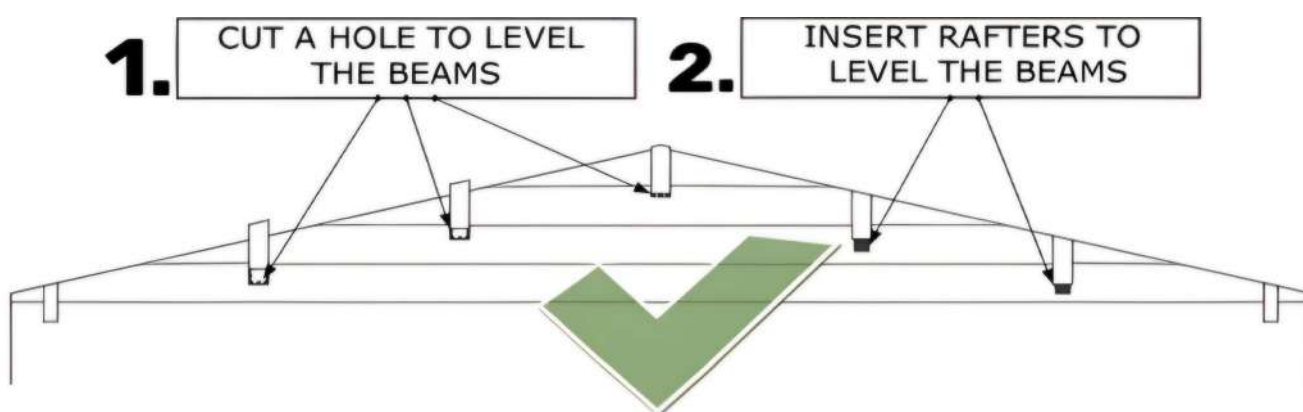
Checking Alignment: If beams don't align properly with the roof triangle, you must fix the mismatch before proceeding, as this will cause problems when installing roof boards.



Fixing Misalignment

The document shows two methods to correct beam alignment:

1. **Cut deeper holes** - If beams sit too high, cut the triangle deeper to lower the beam position
2. **Add rafters** - If beams sit too low, insert additional wood pieces (rafters) underneath to raise them to the proper level



Fixing roof beams level – 1. Cut a hole to level the beams down;
2. Insert rafters to level the beams up

Final Steps

- » Ensure all cornered wall parts in the triangle are properly aligned
- » Once levels and mismatches are corrected, secure the roof triangles and beams by screwing them together
- » Make sure triangles are stable before adding any rafters, as they will remain permanently in place



Troubleshooting Tips

- » If beams become twisted before assembly and won't fit into their locks, use a woodworking clamp to rotate the beam until it fits properly
- » Use a hammer with a protective piece of wood to gently knock beams into place if needed



This careful attention to beam alignment is crucial for the structural integrity and proper installation of the roof system.